



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

March 3, 2017

Robert L. Cline, Authorized Agent
Greenbrier Minerals, LLC
PO Box 446
Man, WV 25635

Re: Application Status: Approved
Greenbrier Minerals, LLC
Toney Fork Surface Mine
Registration Application G60-C079
Plant ID No. 045-00149

Dear Mr. Cline:

Your application for a General Permit G10-D registration to construct a coal screening facility as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed registration G60-C079 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability. The source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30 - Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions, please contact me at (304) 926-0499, ext. 1210.

Sincerely,



Daniel P. Roberts, Engineer Trainee
NSR Permitting Section

Enclosures

c: Robert L. Cline, robert.cline@coronadous.com
Leslie Lavender, leslie.lavender@coronadous.com
Donna Toler, donnatoler@suddenlink.net

G60-C Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Emergency Generators

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G60-C.*

G60-C079

Issued to:
Greenbrier Minerals, LLC
Toney Fork Surface Mine
045-00149

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

William F. Durham
Director

Effective: March 3, 2017

This General Permit registration does not supersede any other General Permit registrations or Rule 13 individual permits. However, Greenbrier Minerals, LLC does have General Permit registration G10-D164 for a raw coal screening plant on the Toney Fork Surface Mine which shares the same facility ID number.

Greenbrier Minerals, LLC's proposed emergency generator (G60-C079) and existing raw coal screening plant (G10-D164) meet the definition of "Building, Structure, Facility, or Installation" in 45CSR14.2.10 and "Major Source" in 45CSR30.2.26 and shall be considered as one facility for determining applicability to 45CSR14 (PSD) and 45CSR30 (Title V). Therefore, Greenbrier Minerals, LLC's proposed emergency generator and existing wet wash coal preparation plant shall be combined when determining applicability and share the common facility ID Number of 045-00149.

Facility Location:	Saunders, Logan County, West Virginia
Mailing Address:	PO Box 446, Man, WV 25635
Facility Description:	Emergency Generator at a Coal Surface Mine
SIC Codes:	1221
UTM Coordinates:	Easting: 437.43091 km • Northing: 4185.13703 km • NAD 83 Zone 17N
Lat/Lon Coordinates:	Latitude: 37.811484 • Longitude: -81.710833 • NAD 83
Registration Type:	Construction
Description of Change:	Application for the construction of one (1) emergency generator and one (1) diesel storage tank for the purpose of providing back-up electrical power for critical operating functions. The emergency generator Gen Set-1 will be a 2007 Caterpillar model 3512B and operated no more than 500 hours per year

Subject to 40CFR60 Subpart IIII? **Yes**
Subject to 40CFR60 Subpart JJJJ? **No**

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This permit does not affect 45CSR30 applicability. The source is a nonmajor source subject to 45CSR30.

All registered facilities under Class II General Permit G60-C are subject to Sections 1.0, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G60-C apply to the registrant:

Section 5	Reciprocating Internal Combustion Engines (R.I.C.E.)	<input checked="" type="checkbox"/>
Section 6	Tanks	<input checked="" type="checkbox"/>
Section 7	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	<input checked="" type="checkbox"/>
Section 8	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Manufactured	Year Installed	Design Capacity (Bhp/rpm)
Gen Set-1	Caterpillar 3512B	2007	2015	2,000 bhp / 1,800 rpm
T1	Diesel Fuel Storage Tank, 1,000 gallons	Not Available	2015	NA

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 5.1.4/5.2.1 (Catalytic Reduction Device)
Gen Set-1	Yes	No	No

Emission Limitations

Emission Unit	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (TPY)
Gen Set-1 Caterpillar 3512B	Nitrogen Oxides (NO _x)	17.52	4.38
	Carbon Monoxide (CO)	5.30	1.33
	Sulfur Dioxide (SO ₂)	0.02	< 0.01
	Particulate Matter (PM)	0.45	0.11
	Particulate Matter<10 microns (PM ₁₀)	0.45	0.11
	Volatile Organic Compounds	1.41	0.35
	Total HAP's	0.06	0.02